

# Device for intra-osseus sealing of a prosthesis element

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## Cited documents:

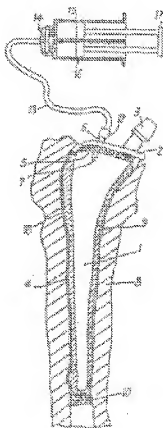
EP0061993 (A1)

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DE8712420U (U1)

## Abstract of FR 2629337 (A1)

The present invention relates to a device for intra-osseous sealing of a prosthesis element, in particular for a joint prosthesis, comprising at least one part 1 termed the stem which is intended to be inserted into a cavity 9 made in the bone 8, and to be immobilised therein. According to the invention, the stem 1 is at least partially surrounded over its part which is inserted into the bone cavity 9 by a flexible covering 4 forming a deformable leaktight chamber around the said part, with, emerging in the said chamber, a channel 7 made in the stem and emerging at its other end beyond the limit of insertion into the bone cavity; after forming the cavity 9 in the bone 8, a plug 10 is placed in the medullary canal, the stem 1 is inserted into this cavity and the prosthesis is prepositioned by injecting under pressure, through the channel 7, into the leaktight chamber defined by the covering 4, a product which can set at a low temperature with a delay of a few minutes. The invention is applicable to the fitting of prostheses, in particular hip prostheses.



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